OIPE							
6)				Сот	plete il	Known	
1111 3 0 2004 6 FEE	Application Nu	mber	10/80	4,450			
1500 A ALCREITT A I	Filing Date		Marc	h 19, 20	004		
Patenties are subject to annual revision TRADE A STATE OF THE STATE O	First Named In	ventor	Paul	J. Dani	els		
RADDICANT claims small entity status. See 37 CFR 1.27	Examiner Nan	ne					
	Group Art Unit		 				
TOTAL AMOUNT OF PAYMENT (\$) 130	Attorney Dock		SC12	3292ZC			
METHOD OF PAYMENT (check all that app		l .	0010			CULATION (continued)	
Check Credit card Money Order Other	~	3. ADD	TIONAL				
	None	Larg		Sm			
X Deposit Account:		<u>Enti</u>		<u>En</u>			
Deposit Account Number 503079 Deposit Account Name Freescale Semicondu		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
Deposit Account Name Freescale Semicondul The Director is authorized to: (check all that apply)	ctor, inc.	1051	130	2051	(4) 65	Surcharge – late filing fee or oath	130
	verpayments	1052	50	2052	25	Surcharge - late Provisional filing	130
. X Charge any additional fee(s) during the pendency of this a	onlication	1053 1812	130 2520	1053 1812	130 2520	Non-English specification For filing a request for ex parte	
That go any additional rec(s) daming the periodricy of this a	ррпосион	1012	2320	1012	2320	Reexamination	
Charge fees(s) indicated below, except for the filing fee above-identified deposit account.	to the	1804	920°	1804	920*	Requesting publication of SIR prior to Examiner action	·
		1805	1840*	1805	1840°	Requesting publication of SIR after Examiner action	
FEE CALCULATION		1251	110	2251	55	Extension for reply within first month	
		1252	420	2252	210	Extension for reply within second month	
		1253	950	2253	475	Extension for reply within third month	
1. BASIC FILING FEE		1254	1480	2254	740	Extension for reply within fourth month	-
		1255	2010	2255	1005	Extension for reply within fifth month	
Large Entity Small Entity Fee Fee Fee Fee		1401 1402	330 330	2401 2402	165 165	Notice of Appeal Filing a brief in support of an appeal	
	ee Paid	1403	290	2403	145	Request for oral hearing Petition to institute a public use	
_		1451	1510	1451	1510	proceeding	
1001 770 2001 385 Utility filing fee		1452	110	2452	55	Petition to revive – unavoidable	
1002 340 2002 170 Design filing fee 1003 530 2003 265 Plant filing fee		1453 1501	1330 1330	2453 2501	665 665	Petition to revive – unintentional Utility issue fee (or reissue)	
1003 330 2003 265 Flatt filling fee		1502	480	2502	240	Design issue fee	
1005 160 2005 80 Provisional filing fee		1503	640	2503	320	Plant issue fee	
		1460	130	1460	130	Petitions to the Commissioner	
SUBTOTAL (1) (\$) 0		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
2. EXTRA CLAIM FEES	_	1806	180	1806	180	Submission of IDS	
Previously Extra Fee from Paid** Claims below	n Fee Paid	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
Total Claims 20 - 20 = 0 X 18	= 0	1809	770	2809	385	Filing a submission after final	
Independent Claims 3 - 3 = 0 X 86	= 0	1810	770	2810	385	rejection (37 CFR § 1.129(a)) For each additional invention to be	
Multiple Dependent 290	=					examined (37 CFR § 1.129(b))	
Large Entity Small Entity Fee Fee Fee Fee		1801	770	2801	385	Request for Continued Examination (RCE)	
Code (\$) Code (\$) Fee Descript 1202 18 2202 9 Claims in excess of 20	ion	1802	900	1802	900	Request for expedited examination of a design application	
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3	1	Other fee	(specify)			or a design application	
1203 280 2203 140 Multiple dependent claim, if not pi						 -	
1204 84 2204 42 * Reissue independent claims over	er onginal patent						
1205 18 2205 9 *Reissue claims in excess of 20 a	nd over original						
SUBTOTAL (2) (\$) 0						SUBTOTAL (3) (\$) 130	
or number previously paid, if greater, For Reissues, see above.		* Reduce	ed by Ba	sic Filing	Fee Paid		
SUBMITTED BY		L		- 		Complete (if applicable	
Name (Print/Type) James L. Clingan, Jr.		Registra	tion No.	30,1	63	Telephone (512) 9	96-6839
Signature James L. Clu	nyan j	h		_	Da	ate 7/25/04	
	1	7]					



DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) COMBINED WITH POWER OF ATTORNEY

SC13292ZC
Paul J. Daniels
E IF KNOWN
10/804,450
March 19, 2004

Declaration
Submitted With
Initial Filing

OR Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

and for which a parent is sough					
DETE	CTING CURR	ENTS IN A SWITCH	ING REGULAT	ΓOR	
the specification of which:					
is attached hereto					
		OR			
was filed on: (MM/DD/YY)	YY) <u>03/19/2</u>	004 as United States	Application Nu	mber or PCT	International
Application Number 10/	804,450 a	nd was amended on (M	1M/DD/YYYY))	(if applicable)
I hereby state that I have revier claims, as amended by any ame			e above-identifi	ied specificati	ion, including the
I acknowledge the duty to d accordance with Title 37, Code				tability of th	is application in
I hereby claim foreign priority for patent, inventor's or plant b designated at least one country below, by checking the box, an any PCT international application	reeder's rights of the reder's rights of the reder than the reder than the reder than the reder's rights of the rights of the rights of the rights of the reder's rights of the	certificate(s), or 365(a e United States of Am ation for patent, invent) of any PCT in herica, listed be or's or plant bro	nternational ap low and have eeder's rights	pplication which e also identified certificate(s), or
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified (Copy Attached?
				☐ Yes	□ No
				☐ Yes	☐ No
Additional foreign application	numbers are liste	ed on a supplemental prio	rity data sheet PT	O/SB/02B atta	sched hereto.

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Provisional Application Serial No.:	
Provisional Application Filing Date:	

I hereby claim the priority benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which is material to the patentability of this application and which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

\boxtimes	no such application(s) filed
	such application(s) identified as follows:

Application No.	Filing Date (MM/DD/YYYYr)	Status (Patented, Pending, Abandoned)

I hereby declare that: as to any claimed subject matter of this application which is common to my earlier United States or foreign application(s), if any, which I have identified above and claimed the benefit of priority thereof, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the first of said earlier application(s), or in public use or on sale in the United States more than one year prior to the first of said earlier application(s), and that the said common subject matter has not been patented or made the subject of an inventor's certificate before the date of the first of said earlier U.S. application(s) in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the first of said earlier U.S. application(s), if any; and that, as to any claimed subject matter of this application which is not common to said earlier application(s), if any, I do not know and do not believe that the same was ever known or used in the United. States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, or in public use or on sale in the United States more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the date of this application.

I hereby appoint the attorney(s) or agent(s) associated with: 23125 to prosecute this application and transact all business in the patent and trademark office connected therewith.

Address all correspondence to: Customer Number 23125

Attorney/Agent Name: James L. Clingan, Jr. Telephone: (512) 996-6839 Facsimile: (512) 996-6854

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

A petition has	been filed for this uns	igned inventor.		
Full Name of Sole of	r First Inventor:	Paul J. Daniels		
Paul Jamiale 01July 2004				
Inventor's Signature				Date
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		Mailing Addre	ess	
Mesa	Ari	zona	85204	USA
City		State	Postal Code	Country
	· · · · · · · · · · · · · · · · · · ·			

A petition has been filed for this unsigned inventor.					
Full Name of Second-Joint Inventor: David E. Bien OI JULY 2004 Inventor's Signature Date					
Residence: Glendale City	Arizona Stat	e 85304 Postal Code	USA Country of Citizenship		
5773 W. Shaw Butte Drive					
Mailing Address					
Glendale	Arizona	85304	USA		
City	State	Postal Code	Country		

A petition	has been filed for t	his unsigned inventor.					
Full Name of T	Full Name of Third-Joint Inventor: Gerrit M. Foerstner						
Dev		Hoerstner or's Signature		7/1/04 Date			
M	lesa	Arizona	85203	USA			
Residence:	City	State	Postal Code	Country of Citizenship			
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		Mailing A	Address				
Mesa		Arizona	85203	USA			
	City	State	Postal Code	Country			